



3013 (02-09-04)

**ANNUAL REPORT**

OF

Name: WAUWATOSA WATER UTILITY

Principal Office: 7725 W NORTH AVENUE  
WAUWATOSA, WI 53213

For the Year Ended: DECEMBER 31, 1998

**WATER, ELECTRIC, OR JOINT UTILITY  
TO  
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854  
Madison, WI 53707-7854  
(608) 266-3766

*This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.*

I, RONALD G. BRAIER of \_\_\_\_\_  
(Person responsible for accounts)

Wauwatosa Water Utility, certify that I \_\_\_\_\_  
(Utility Name)

(Signature of person responsible for accounts)	03/15/1999 (Date)
CITY COMPTROLLER/TREASURER (Title)	

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**IDENTIFICATION AND OWNERSHIP**

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**Exact Utility Name:** WAUWATOSA WATER UTILITY**Utility Address:** 7725 W NORTH AVENUE  
WAUWATOSA, WI 53213**When was utility organized?** 9/1/1897**Report any change in name:****Effective Date:****Utility Web Site:**

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**Utility employee in charge of correspondence concerning this report:**

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**Name:** JEFF TSCHUDY**Title:** ACCOUNTANT / BUSINESS MANAGER**Office Address:**7725 W NORTH AVENUE  
WAUWATOSA, WI 53213**Telephone:** (414) 479 - 8966**Fax Number:** (414) 471 - 8414**E-mail Address:**

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**Individual or firm, if other than utility employee, preparing this report:**

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**Name:** NONE**Title:****Office Address:****Telephone:****Fax Number:****E-mail Address:**

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**Are records of utility audited by individuals or firms, other than utility employee?** YES

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**Individual or firm, if other than utility employee, auditing utility records:**

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**Name:** VIRCHOW, KRAUSE & COMPANY, LLP**Title:****Office Address:** VIRCHOW, KRAUSE & COMPANY, LLP19601 W BLUEMOUND ROAD  
BROOKFIELD, WI 53045-5974**Telephone:** (414) 796 - 0701**Fax Number:** (414) 796 - 8422**E-mail Address:****Date of most recent audit report:** 4/30/1998**Period covered by most recent audit:** 1997

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**IDENTIFICATION AND OWNERSHIP**

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**Names and titles of utility management including manager or superintendent:**

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**Name:** ROBB PATTISON**Title:** SUPERINTENDENT**Office Address:**7725 W NORTH AVENUE  
WAUWATOSA, WI 53213**Telephone:** (414) 479 - 8965**Fax Number:** (414) 471 - 8414**E-mail Address:**

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**Name of utility commission/committee:**

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**Names of members of utility commission/committee:**

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**Is sewer service rendered by the utility?** NO**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes?** NO**Date of Ordinance:** **Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)?** NO**Provide the following information regarding the provider(s) of contract services:**

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**Firm Name:****Contact Person:****Title:****Telephone:****Fax Number:****E-mail Address:**

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**Contract/Agreement beginning-ending dates:****Provide a brief description of the nature of Contract Operations being provided:**

**INCOME STATEMENT**

<b>Particulars (a)</b>	<b>This Year (b)</b>	<b>Last Year (c)</b>	
<b>UTILITY OPERATING INCOME</b>			
Operating Revenues (400)	5,231,905	5,131,456	<b>1</b>
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401-402)	3,222,932	3,328,024	<b>2</b>
Depreciation Expense (403)	380,525	384,112	<b>3</b>
Amortization Expense (404-407)	0	0	<b>4</b>
Taxes (408)	537,847	547,337	<b>5</b>
<b>Total Operating Expenses</b>	<b>4,141,304</b>	<b>4,259,473</b>	
<b>Net Operating Income</b>	<b>1,090,601</b>	<b>871,983</b>	
Income from Utility Plant Leased to Others (412-413)	0	0	<b>6</b>
<b>Utility Operating Income</b>	<b>1,090,601</b>	<b>871,983</b>	
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	411	398	<b>7</b>
Income from Nonutility Operations (417)	0	0	<b>8</b>
Nonoperating Rental Income (418)	0	0	<b>9</b>
Interest and Dividend Income (419)	215,117	115,337	<b>10</b>
Miscellaneous Nonoperating Income (421)	0	0	<b>11</b>
<b>Total Other Income</b>	<b>215,528</b>	<b>115,735</b>	
<b>Total Income</b>	<b>1,306,129</b>	<b>987,718</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	0	0	<b>12</b>
Other Income Deductions (426)	0	0	<b>13</b>
<b>Total Miscellaneous Income Deductions</b>	<b>0</b>	<b>0</b>	
<b>Income Before Interest Charges</b>	<b>1,306,129</b>	<b>987,718</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	363,787	316,565	<b>14</b>
Amortization of Debt Discount and Expense (428)	13,602	13,602	<b>15</b>
Amortization of Premium on Debt--Cr. (429)			<b>16</b>
Interest on Debt to Municipality (430)	0	0	<b>17</b>
Other Interest Expense (431)	0	0	<b>18</b>
Interest Charged to Construction--Cr. (432)			<b>19</b>
<b>Total Interest Charges</b>	<b>377,389</b>	<b>330,167</b>	
<b>Net Income</b>	<b>928,740</b>	<b>657,551</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	4,845,217	4,187,666	<b>20</b>
Balance Transferred from Income (433)	928,740	657,551	<b>21</b>
Miscellaneous Credits to Surplus (434)	0	0	<b>22</b>
Miscellaneous Debits to Surplus--Debit (435)	0	0	<b>23</b>
Appropriations of Surplus--Debit (436)	0	0	<b>24</b>
Appropriations of Income to Municipal Funds--Debit (439)	0	0	<b>25</b>
<b>Total Unappropriated Earned Surplus End of Year (216)</b>	<b>5,773,957</b>	<b>4,845,217</b>	

**INCOME STATEMENT ACCOUNT DETAILS**

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
<b>Revenues from Utility Plant Leased to Others (412):</b>		
NONE		1
<b>Total (Acct. 412):</b>	0	
<b>Expenses of Utility Plant Leased to Others (413):</b>		
NONE		2
<b>Total (Acct. 413):</b>	0	
<b>Income from Nonutility Operations (417):</b>		
NONE		3
<b>Total (Acct. 417):</b>	0	
<b>Nonoperating Rental Income (418):</b>		
NONE		4
<b>Total (Acct. 418):</b>	0	
<b>Interest and Dividend Income (419):</b>		
Interest on special redemption investments	65,466	5
Interest on general investments	87,400	6
Interest on bond investments	62,251	7
<b>Total (Acct. 419):</b>	215,117	
<b>Miscellaneous Nonoperating Income (421):</b>		
NONE		8
<b>Total (Acct. 421):</b>	0	
<b>Miscellaneous Amortization (425):</b>		
NONE		9
<b>Total (Acct. 425):</b>	0	
<b>Other Income Deductions (426):</b>		
NONE		10
<b>Total (Acct. 426):</b>	0	
<b>Miscellaneous Credits to Surplus (434):</b>		
NONE		11
<b>Total (Acct. 434):</b>	0	
<b>Miscellaneous Debits to Surplus (435):</b>		
NONE		12
<b>Total (Acct. 435)--Debit:</b>	0	
<b>Appropriations of Surplus (436):</b>		
Detail appropriations to (from) account 215		13
<b>Total (Acct. 436)--Debit:</b>	0	
<b>Appropriations of Income to Municipal Funds (439):</b>		
NONE		14
<b>Total (Acct. 439)--Debit:</b>	0	

**INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)**

<b>Particulars (a)</b>	<b>Water (b)</b>	<b>Electric (c)</b>	<b>Sewer (d)</b>	<b>Gas (e)</b>	<b>Total (f)</b>	
Revenues (account 415)	577				577	1
<b>Costs and Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold					0	2
Payroll	151				151	3
Materials					0	4
Taxes					0	5
<b>Other (list by major classes):</b>						
Equipment rent	15				15	6
<b>Total costs and expenses</b>	<b>166</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166</b>	
<b>Net income (or loss)</b>	<b>411</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>411</b>	



**REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT**

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

<b>Description (a)</b>	<b>Water Utility (b)</b>	<b>Electric Utility (c)</b>	<b>Sewer Utility (Regulated Only) (d)</b>	<b>Gas Utility (e)</b>	<b>Total (f)</b>	
Total operating revenues	5,231,905	0	0	0	<b>5,231,905</b>	<b>1</b>
Less: interdepartmental sales	0		0	0	<b>0</b>	<b>2</b>
Less: interdepartmental rents	0	0		0	<b>0</b>	<b>3</b>
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				<b>0</b>	<b>4</b>
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					<b>0</b>	<b>5</b>
<b>Other Increases or (Decreases) to Operating Revenues - Specify:</b>						
NONE					<b>0</b>	<b>6</b>
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>5,231,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,231,905</b>	

**DISTRIBUTION OF TOTAL PAYROLL**

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

<b>Accounts Charged (a)</b>	<b>Direct Payroll Distribution (b)</b>	<b>Allocation of Amounts Charged Clearing Accts. (c)</b>	<b>Total (d)</b>	
Water operating expenses	670,618	82,508	<b>753,126</b>	<b>1</b>
Electric operating expenses			<b>0</b>	<b>2</b>
Gas operating expenses			<b>0</b>	<b>3</b>
Heating operating expenses			<b>0</b>	<b>4</b>
Sewer operating expenses	103,256		<b>103,256</b>	<b>5</b>
Merchandising and jobbing	151		<b>151</b>	<b>6</b>
Other nonutility expenses			<b>0</b>	<b>7</b>
Water utility plant accounts	23,090	11,503	<b>34,593</b>	<b>8</b>
Electric utility plant accounts			<b>0</b>	<b>9</b>
Gas utility plant accounts			<b>0</b>	<b>10</b>
Heating utility plant accounts			<b>0</b>	<b>11</b>
Sewer utility plant accounts			<b>0</b>	<b>12</b>
Accum. prov. for depreciation of water plant			<b>0</b>	<b>13</b>
Accum. prov. for depreciation of electric plant			<b>0</b>	<b>14</b>
Accum. prov. for depreciation of gas plant			<b>0</b>	<b>15</b>
Accum. prov. for depreciation of heating plant			<b>0</b>	<b>16</b>
Accum. prov. for depreciation of sewer plant			<b>0</b>	<b>17</b>
Clearing accounts	52,779	(52,779)	<b>0</b>	<b>18</b>
All other accounts	41,232	(41,232)	<b>0</b>	<b>19</b>
<b>Total Payroll</b>	<b>891,126</b>	<b>0</b>	<b>891,126</b>	

**BALANCE SHEET**

<b>Assets and Other Debits (a)</b>	<b>Balance End of Year (b)</b>	<b>Balance First of Year (c)</b>	
<b>UTILITY PLANT</b>			
Utility Plant (101-107)	23,061,186	22,142,069	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	6,608,499	6,286,963	2
<b>Net Utility Plant</b>	<b>16,452,687</b>	<b>15,855,106</b>	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
<b>Total Net Utility Plant</b>	<b>16,452,687</b>	<b>15,855,106</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	2,684	2,684	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
<b>Net Nonutility Property</b>	<b>2,684</b>	<b>2,684</b>	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	0	8
Special Funds (125-128)	1,027,963	818,907	9
<b>Total Other Property and Investments</b>	<b>1,030,647</b>	<b>821,591</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash and Working Funds (131)	335,472	220,002	10
Special Deposits (132-134)	193,659	187,454	11
Working Funds (135)			12
Temporary Cash Investments (136)	3,670,664	1,448,680	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	619,528	580,742	15
Other Accounts Receivable (143)	6,403	9,704	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	38,606	26,894	18
Materials and Supplies (151-163)	65,955	66,022	19
Prepayments (165)	7,853	8,329	20
Interest and Dividends Receivable (171)	73,246	15,767	21
Accrued Utility Revenues (173)			22
Miscellaneous Current and Accrued Assets (174)			23
<b>Total Current and Accrued Assets</b>	<b>5,011,386</b>	<b>2,563,594</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	78,736	92,338	24
Other Deferred Debits (182-186)	237,860	2,468	25
<b>Total Deferred Debits</b>	<b>316,596</b>	<b>94,806</b>	
<b>Total Assets and Other Debits</b>	<b>22,811,316</b>	<b>19,335,097</b>	

**BALANCE SHEET**

<b>Liabilities and Other Credits (a)</b>	<b>Balance End of Year (b)</b>	<b>Balance First of Year (c)</b>	
<b>PROPRIETARY CAPITAL</b>			
Capital Paid in by Municipality (200)	242,888	242,888	<b>26</b>
Appropriated Earned Surplus (215)			<b>27</b>
Unappropriated Earned Surplus (216)	5,773,957	4,845,217	<b>28</b>
<b>Total Proprietary Capital</b>	<b>6,016,845</b>	<b>5,088,105</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221-222)	6,960,000	5,180,000	<b>29</b>
Advances from Municipality (223)	0	0	<b>30</b>
Other Long-Term Debt (224)	0	0	<b>31</b>
<b>Total Long-Term Debt</b>	<b>6,960,000</b>	<b>5,180,000</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0	0	<b>32</b>
Accounts Payable (232)	141,494	155,360	<b>33</b>
Payables to Municipality (233)	43,453	61,656	<b>34</b>
Customer Deposits (235)	5,195	667	<b>35</b>
Taxes Accrued (236)	491,637	496,667	<b>36</b>
Interest Accrued (237)	212,405	158,283	<b>37</b>
Matured Long-Term Debt (239)			<b>38</b>
Matured Interest (240)			<b>39</b>
Tax Collections Payable (241)			<b>40</b>
Miscellaneous Current and Accrued Liabilities (242)	71,242	36,452	<b>41</b>
<b>Total Current and Accrued Liabilities</b>	<b>965,426</b>	<b>909,085</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	0	0	<b>42</b>
Customer Advances for Construction (252)			<b>43</b>
Other Deferred Credits (253)	0	0	<b>44</b>
<b>Total Deferred Credits</b>	<b>0</b>	<b>0</b>	
<b>OPERATING RESERVES</b>			
Property Insurance Reserve (261)			<b>45</b>
Injuries and Damages Reserve (262)			<b>46</b>
Pensions and Benefits Reserve (263)			<b>47</b>
Miscellaneous Operating Reserves (265)			<b>48</b>
<b>Total Operating Reserves</b>	<b>0</b>	<b>0</b>	
<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
Contributions in Aid of Construction (271)	8,869,045	8,157,907	<b>49</b>
<b>Total Liabilities and Other Credits</b>	<b>22,811,316</b>	<b>19,335,097</b>	

**NET UTILITY PLANT**

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

<b>Particulars (a)</b>	<b>Water (b)</b>	<b>Sewer (c)</b>	<b>Gas (d)</b>	<b>Electric (e)</b>	
<b>Plant Accounts:</b>					
Utility Plant in Service (101)	23,061,186	0	0	0	<b>1</b>
Utility Plant Purchased or Sold (102)					<b>2</b>
Utility Plant in Process of Reclassification (103)					<b>3</b>
Utility Plant Leased to Others (104)					<b>4</b>
Property Held for Future Use (105)					<b>5</b>
Completed Construction not Classified (106)					<b>6</b>
Construction Work in Progress (107)					<b>7</b>
<b>Total Utility Plant</b>	<b>23,061,186</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Accumulated Provision for Depreciation and Amortization:</b>					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	6,608,499	0	0	0	<b>8</b>
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					<b>9</b>
Accumulated Provision for Depreciation of Property Held for Future Use (113)					<b>10</b>
Accumulated Provision for Amortization of Utility Plant in Service (114)					<b>11</b>
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					<b>12</b>
Accumulated Provision for Amortization of Property Held for Future Use (116)					<b>13</b>
<b>Total Accumulated Provision</b>	<b>6,608,499</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net Utility Plant</b>	<b>16,452,687</b>	<b>0</b>	<b>0</b>	<b>0</b>	

## ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.  
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
<b>Balance first of year</b>	6,286,963				<b>6,286,963</b>	<b>1</b>
<b>Credits During Year</b>						<b>2</b>
<b>Accruals:</b>						<b>3</b>
Charged depreciation expense (403)	380,525				<b>380,525</b>	<b>4</b>
Depreciation expense on meters						<b>5</b>
charged to sewer (see Note 3)	35,564				<b>35,564</b>	<b>6</b>
Accruals charged other						<b>7</b>
accounts (specify):						<b>8</b>
Tools & work equipment expense	6,096				<b>6,096</b>	<b>9</b>
Salvage	4,626				<b>4,626</b>	<b>10</b>
Other credits (specify):						<b>11</b>
					<b>0</b>	<b>12</b>
<b>Total credits</b>	<b>426,811</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>426,811</b>	<b>13</b>
<b>Debits during year</b>						<b>14</b>
Book cost of plant retired	97,813				<b>97,813</b>	<b>15</b>
Cost of removal	7,462				<b>7,462</b>	<b>16</b>
Other debits (specify):						<b>17</b>
					<b>0</b>	<b>18</b>
<b>Total debits</b>	<b>105,275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,275</b>	<b>19</b>
<b>Balance End of Year</b>	<b>6,608,499</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,608,499</b>	<b>20</b>
						<b>21</b>
						<b>22</b>

**NET NONUTILITY PROPERTY (ACCTS. 121 & 122)**

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
<b>Other (specify):</b>					
Land & land rights	2,684			2,684	2
<b>Total Nonutility Property (121)</b>	<b>2,684</b>	<b>0</b>	<b>0</b>	<b>2,684</b>	
Less accum. prov. depr. & amort. (122)	0			0	3
<b>Net Nonutility Property</b>	<b>2,684</b>	<b>0</b>	<b>0</b>	<b>2,684</b>	

**ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)**

<b>Particulars (a)</b>	<b>Amount (b)</b>	
Balance first of year	0	1
<b>Additions:</b>		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
<b>Total Additions</b>	<u>0</u>	
<b>Deductions:</b>		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
<b>Total accounts written off</b>	<u>0</u>	
<b>Balance end of year</b>	<u><u>0</u></u>	



**MATERIALS AND SUPPLIES**

<b>Account (a)</b>	<b>Generation (b)</b>	<b>Transmission (c)</b>	<b>Distribution (d)</b>	<b>Other (e)</b>	<b>Total End of Year (f)</b>	<b>Amount Prior Year (g)</b>	
<b>Electric Utility</b>							
Fuel (151)					0	0	1
Fuel stock expenses (152)					0	0	2
Plant mat. & oper. sup. (154)					0	0	3
<b>Total Electric Utility</b>					<u>0</u>	<u>0</u>	

<b>Account</b>	<b>Total End of Year</b>	<b>Amount Prior Year</b>	
Electric utility total	0	0	1
Water utility (154)	65,955	66,022	2
Sewer utility (154)		0	3
Heating utility (154)		0	4
Gas utility (154)		0	5
Merchandise (155)		0	6
Other materials & supplies (156)		0	7
Stores expense (163)		0	8
<b>Total Materials and Supplies</b>	<u>65,955</u>	<u>66,022</u>	

## UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
<b>Unamortized debt discount &amp; expense (181)</b>				
Series 1989 discount	3,435	428	19,464	1
Series 1989 expense	521	428	2,957	2
Series 1992 discount	3,520	428	20,240	3
Series 1992 expense	785	428	4,515	4
Series 1995 discount	2,002	428	11,830	5
Series 1995 expense	3,339	428	19,730	6
<b>Total</b>			<b>78,736</b>	
<b>Unamortized premium on debt (251)</b>				
NONE				7
<b>Total</b>			<b>0</b>	

**CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

<b>Particulars (a)</b>	<b>Amount (b)</b>	
Balance first of year	242,888	1
<b>Changes during year (explain):</b>		<b>2</b>
<b>Balance end of year</b>	<b>242,888</b>	

**BONDS (ACCTS. 221 AND 222)**

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

<b>Description of Issue (a)</b>	<b>Date of Issue (b)</b>	<b>Final Maturity Date (c)</b>	<b>Interest Rate (d)</b>	<b>Principal Amount End of Year (e)</b>	
Mtge Revenue Bonds Series 1989	10/03/1989	01/01/2009	6.71%	1,965,000	<b>1</b>
Mtge Revenue Bonds Series 1992	11/15/1992	01/01/2009	5.46%	1,700,000	<b>2</b>
Mtge Revenue Bonds Series 1995	11/01/1995	01/01/2009	4.76%	1,295,000	<b>3</b>
Mtge Revenue Bonds Series 1998	06/01/1998	01/01/2018	5.26%	2,000,000	<b>4</b>
<b>Total Bonds (Account 221):</b>				<b>6,960,000</b>	
Total Reacquired Bonds (Account 222)				0	<b>5</b>

**Net amount of bonds outstanding December 31:      6,960,000**

**NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT**

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

<b>Account and Description of Obligation (a and b)</b>	<b>Date of Issue (c)</b>	<b>Final Maturity Date (d)</b>	<b>Interest Rate (e)</b>	<b>Principal Amount End of Year (f)</b>
--	----------------------------------	--	----------------------------------	---

NONE

**TAXES ACCRUED (ACCT. 236)**

<b>Particulars (a)</b>	<b>Amount (b)</b>	
Balance first of year	496,667	1
<b>Accruals:</b>		
Charged water department expense	542,877	2
Charged electric department expense		3
Charged sewer department expense	20,935	4
<b>Other (explain):</b>		
NONE		5
<b>Total Accruals and other credits</b>	<b>563,812</b>	
<b>Taxes paid during year:</b>		
County, state and local taxes		6
Social Security taxes	65,427	7
PSC Remainder Assessment	6,748	8
<b>Other (explain):</b>		
Tax equivalent	496,667	9
<b>Total payments and other debits</b>	<b>568,842</b>	
<b>Balance end of year</b>	<b>491,637</b>	

**INTEREST ACCRUED (ACCT. 237)**

1. Report below interest accrued on each utility obligation.
2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
<b>Bonds (221)</b>					
Mtge Revenue Bonds Series 1989	72,454	137,317	141,112	68,659	1
Mtge Revenue Bonds Series 1992	54,206	103,563	105,988	51,781	2
Mtge Revenue Bonds Series 1995	31,623	63,035	63,141	31,517	3
Mtge Revenue Bonds Series 1998		60,448	0	60,448	4
Accrued interest 1998 revenue bond issue		(576)	(576)	0	5
<b>Subtotal</b>	<b>158,283</b>	<b>363,787</b>	<b>309,665</b>	<b>212,405</b>	
<b>Advances from Municipality (223)</b>					
NONE	0			0	6
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	0			0	7
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	0			0	8
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>158,283</b>	<b>363,787</b>	<b>309,665</b>	<b>212,405</b>	

**CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)**

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	8,157,907	0	0	0	0	<b>8,157,907</b>	<b>1</b>
<b>Add credits during year:</b>							
For Services	144,597					<b>144,597</b>	<b>2</b>
For Mains	532,177					<b>532,177</b>	<b>3</b>
<b>Other (specify):</b>							
For Meters	5,754					<b>5,754</b>	<b>4</b>
For hydrants	28,610					<b>28,610</b>	<b>5</b>
<b>Deduct charges (specify):</b>							
NONE						<b>0</b>	<b>6</b>
<b>Balance End of Year</b>	<b>8,869,045</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,869,045</b>	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	852,176					<b>852,176</b>	<b>7</b>



**BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
<b>Investment in Municipality (123):</b>		
NONE		1
<b>Total (Acct. 123):</b>	<b>0</b>	
<b>Other Investments (124):</b>		
NONE		2
<b>Total (Acct. 124):</b>	<b>0</b>	
<b>Sinking Funds (125):</b>		
Special redemption fund cash	110,727	3
Special redemption fund investments	917,236	4
<b>Total (Acct. 125):</b>	<b>1,027,963</b>	
<b>Depreciation Fund (126):</b>		
NONE		5
<b>Total (Acct. 126):</b>	<b>0</b>	
<b>Other Special Funds (128):</b>		
NONE		6
<b>Total (Acct. 128):</b>	<b>0</b>	
<b>Interest Special Deposits (132):</b>		
Deposits for interest series 1989 bonds	68,659	7
<b>Total (Acct. 132):</b>	<b>68,659</b>	
<b>Other Special Deposits (134):</b>		
Deposits for principal series 1989 bonds	125,000	8
<b>Total (Acct. 134):</b>	<b>125,000</b>	
<b>Notes Receivable (141):</b>		
NONE		9
<b>Total (Acct. 141):</b>	<b>0</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	619,528	10
Electric		11
Sewer (Regulated)		12
<b>Other (specify):</b>		
NONE		13
<b>Total (Acct. 142):</b>	<b>619,528</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)		14
Merchandising, jobbing and contract work		15
<b>Other (specify):</b>		

**BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
<b>Other Accounts Receivable (143):</b>		
Misc receivables for hydrant damage, etc	6,403	16
<b>Total (Acct. 143):</b>	<b>6,403</b>	
<b>Receivables from Municipality (145):</b>		
Receivables from fire department	5,153	17
Receivable from sanitary sewer	30,932	18
Receivable from parks, forestry & street departments	2,521	19
<b>Total (Acct. 145):</b>	<b>38,606</b>	
<b>Prepayments (165):</b>		
Prepaid insurance	941	20
Prepaid service charges	1,215	21
Prepaid remainder assessment	5,697	22
<b>Total (Acct. 165):</b>	<b>7,853</b>	
<b>Extraordinary Property Losses (182):</b>		
NONE		23
<b>Total (Acct. 182):</b>	<b>0</b>	
<b>Preliminary Survey and Investigation Charges (183):</b>		
NONE		24
<b>Total (Acct. 183):</b>	<b>0</b>	
<b>Clearing Accounts (184):</b>		
NONE		25
<b>Total (Acct. 184):</b>	<b>0</b>	
<b>Temporary Facilities (185):</b>		
NONE		26
<b>Total (Acct. 185):</b>	<b>0</b>	
<b>Miscellaneous Deferred Debits (186):</b>		
Other work in progress	237,860	27
<b>Total (Acct. 186):</b>	<b>237,860</b>	
<b>Payables to Municipality (233):</b>		
Equipment rent charges	7,184	28
Health & life insurance	11,234	29
Miscellaneous	25,035	30
<b>Total (Acct. 233):</b>	<b>43,453</b>	
<b>Other Deferred Credits (253):</b>		
NONE		31
<b>Total (Acct. 253):</b>	<b>0</b>	

**RETURN ON RATE BASE COMPUTATION**

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

<b>Average Rate Base (a)</b>	<b>Water (b)</b>	<b>Electric (c)</b>	<b>Sewer (d)</b>	<b>Gas (e)</b>	<b>Total (f)</b>	
<b>Add Average:</b>						
Utility Plant in Service	22,601,627	0	0	0	<b>22,601,627</b>	<b>1</b>
Materials and Supplies	65,988	0	0	0	<b>65,988</b>	<b>2</b>
<b>Other (specify):</b>						
NONE					<b>0</b>	<b>3</b>
<b>Less Average:</b>						
Reserve for Depreciation	6,447,731	0	0	0	<b>6,447,731</b>	<b>4</b>
Customer Advances for Construction					<b>0</b>	<b>5</b>
Contributions in Aid of Construction	8,513,476	0	0	0	<b>8,513,476</b>	<b>6</b>
<b>Other (specify):</b>						
NONE					<b>0</b>	<b>7</b>
<b>Average Net Rate Base</b>	<b>7,706,408</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,706,408</b>	
Net Operating Income	1,090,601	0	0	0	<b>1,090,601</b>	<b>8</b>
<b>Net Operating Income as a percent of</b>						
<b>Average Net Rate Base</b>	<b>14.15%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>14.15%</b>	

**RETURN ON PROPRIETARY CAPITAL COMPUTATION**

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
<b>Average Proprietary Capital</b>		
Capital Paid in by Municipality	242,888	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	5,309,587	3
<b>Other (Specify):</b>		
NONE		4
<b>Total Average Proprietary Capital</b>	<b>5,552,475</b>	
<b>Net Income</b>		
Net Income	928,740	5
<b>Percent Return on Proprietary Capital</b>	<b>16.73%</b>	

## **IMPORTANT CHANGES DURING THE YEAR**

**Report changes of any of the following types:**

---

**1. Acquisitions.**

## **IMPORTANT CHANGES DURING THE YEAR**

**Report changes of any of the following types:**

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**2. Leaseholder changes.**

---

**3. Extensions of service.**

---

**4. Estimated changes in revenues due to rate changes.**

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**5. Obligations incurred or assumed, excluding commercial paper.**

On June 1, 1998 the City of Wauwatosa issued \$2,000,000 Waterworks System Revenue Bonds. These bonds were issued to provide for the 1998 through 2000 capital improvements to the waterworks system.

On January 1, 1999 the City of Wauwatosa issued \$1,840,000 Waterworks System Revenue Bonds. These bonds were issued to refund the Series 1989 Waterworks System Revenue Bonds.

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**6. Formal proceedings with the Public Service Commission.**

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**7. Any additional matters.**

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## FINANCIAL SECTION FOOTNOTES

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### Interest Accrued (Acct. 237) (Page F-17)

Interest accrued at time of issuance of 1998 Mortgage Revenue Bonds is 576.

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### Balance Sheet End-of-Year Account Balances (Page F-19)

Miscellaneous Deferred Debits (186)

Other Work in Progress - During 1998 the Utility painted the interior of the Burleigh Street water tower at a total cost of \$297,326. The Utility received permission from the PSC on June 30, 1998 to amortize this over 5 years, beginning in 1998, to account 672, Maintenance of Distribution reservoirs and Standpipes.

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### Identification and Ownership (Page iv)

May 14, 1999

Mr. Jeff Tschudy, Business Manager  
Wauwatosa Water Utility  
7725 West North Avenue  
Wauwatosa, WI 53213-1700

1998 Analytical Review DWCCA-6320-ELE

Dear Mr. Tschudy:

The Public Service Commission has completed their analytical review of your 1998 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report. Our review did not identify any such issues. We are closing the review of your 1998 annual report.

Thank you for your efforts in preparing your 1998 annual report. If you have any questions, please feel free to contact me at (608) 266-3768.

Sincerely,

Elaine Engelke  
Financial Specialist  
Division of Water, Compliance, and Consumer Affairs

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### Identification and Ownership - Commission/Committee (Page iv)

The affairs of the Utility are administered by the Board of Public Works of the City of Wauwatosa subject to the direction of the Common Council.

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**WATER OPERATING REVENUES & EXPENSES**

<b>Particulars (a)</b>	<b>Amounts (b)</b>	
<b>Operating Revenues</b>		
<b>Sales of Water</b>		
Sales of Water (460-467)	5,107,388	1
<b>Total Sales of Water</b>	<b>5,107,388</b>	
<b>Other Operating Revenues</b>		
Forfeited Discounts (470)	44,450	2
Miscellaneous Service Revenues (471)	12,674	3
Rents from Water Property (472)	50,020	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	17,373	6
Amortization of Construction Grants (475)	0	7
<b>Total Other Operating Revenues</b>	<b>124,517</b>	
<b>Total Operating Revenues</b>	<b>5,231,905</b>	
<b>Operation and Maintenance Expenses</b>		
Source of Supply Expense (600-617)	1,649,941	8
Pumping Expenses (620-633)	240,172	9
Water Treatment Expenses (640-652)	3,273	10
Transmission and Distribution Expenses (660-678)	685,295	11
Customer Accounts Expenses (901-905)	70,039	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	574,212	14
<b>Total Operation and Maintenance Expenses</b>	<b>3,222,932</b>	
<b>Other Operating Expenses</b>		
Depreciation Expense (403)	380,525	15
Amortization Expense (404-407)		16
Taxes (408)	537,847	17
<b>Total Other Operating Expenses</b>	<b>918,372</b>	
<b>Total Operating Expenses</b>	<b>4,141,304</b>	
<b>NET OPERATING INCOME</b>	<b>1,090,601</b>	



**WATER OPERATING REVENUES - SALES OF WATER**

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
<b>Operating Revenues</b>				
<b>Sales of Water</b>				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial	6	4,177	11,635	2
Industrial				3
<b>Total Unmetered Sales to General Customers (460)</b>	<b>6</b>	<b>4,177</b>	<b>11,635</b>	
Metered Sales to General Customers (461)				
Residential	14,428	1,072,659	2,565,075	4
Commercial	1,063	536,081	975,369	5
Industrial	39	558,408	780,924	6
<b>Total Metered Sales to General Customers (461)</b>	<b>15,530</b>	<b>2,167,148</b>	<b>4,321,368</b>	
Private Fire Protection Service (462)	165		52,250	7
Public Fire Protection Service (463)	1		640,153	8
Other Sales to Public Authorities (464)	33	42,810	81,982	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
<b>Total Sales of Water</b>	<b>15,735</b>	<b>2,214,135</b>	<b>5,107,388</b>	

**SALES FOR RESALE (ACCT. 466)**

Use a separate line for each delivery point.

<b>Customer Name</b> <b>(a)</b>	<b>Point of Delivery</b> <b>(b)</b>	<b>Thousands of Gallons Sold</b> <b>(c)</b>	<b>Revenues</b> <b>(d)</b>
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NONE

**OTHER OPERATING REVENUES (WATER)**

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
<b>Public Fire Protection Service (463):</b>		
Amount billed (usually per rate schedule F-1)	640,153	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
<b>Other (specify):</b>		
NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>640,153</b>	
<b>Forfeited Discounts (470):</b>		
Customer late payment charges	44,450	5
<b>Other (specify):</b>		
NONE		6
<b>Total Forfeited Discounts (470)</b>	<b>44,450</b>	
<b>Miscellaneous Service Revenues (471):</b>		
Title searches	6,250	7
Meter testing	2,628	8
Hydrant sales	2,000	9
Miscellaneous	1,796	10
<b>Total Miscellaneous Service Revenues (471)</b>	<b>12,674</b>	
<b>Rents from Water Property (472):</b>		
Water tower rent	50,020	11
<b>Total Rents from Water Property (472)</b>	<b>50,020</b>	
<b>Interdepartmental Rents (473):</b>		
NONE		12
<b>Total Interdepartmental Rents (473)</b>	<b>0</b>	
<b>Other Water Revenues (474):</b>		
Return on net investment in meters charged to sewer department	17,373	13
<b>Other (specify):</b>		
NONE		14
<b>Total Other Water Revenues (474)</b>	<b>17,373</b>	
<b>Amortization of Construction Grants (475):</b>		
NONE		15
<b>Total Amortization of Construction Grants (475)</b>	<b>0</b>	

**WATER OPERATION & MAINTENANCE EXPENSES**

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
<b>SOURCE OF SUPPLY EXPENSES</b>		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)	1,649,771	3
Miscellaneous Expenses (603)	170	4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)		8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)		10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
<b>Total Source of Supply Expenses</b>	<b>1,649,941</b>	
<b>PUMPING EXPENSES</b>		
Operation Supervision and Engineering (620)		14
Fuel for Power Production (621)	150	15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	53,006	17
Pumping Labor and Expenses (624)	163,134	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	3,534	20
Rents (627)		21
Maintenance Supervision and Engineering (630)		22
Maintenance of Structures and Improvements (631)	7,376	23
Maintenance of Power Production Equipment (632)	2,151	24
Maintenance of Pumping Equipment (633)	10,821	25
<b>Total Pumping Expenses</b>	<b>240,172</b>	
<b>WATER TREATMENT EXPENSES</b>		
Operation Supervision and Engineering (640)		26
Chemicals (641)		27

**WATER OPERATION & MAINTENANCE EXPENSES**

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
<b>WATER TREATMENT EXPENSES</b>		
Operation Labor and Expenses (642)		28
Miscellaneous Expenses (643)	3,273	29
Rents (644)		30
Maintenance Supervision and Engineering (650)		31
Maintenance of Structures and Improvements (651)		32
Maintenance of Water Treatment Equipment (652)		33
<b>Total Water Treatment Expenses</b>	<b>3,273</b>	
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>		
Operation Supervision and Engineering (660)		34
Storage Facilities Expenses (661)	1,158	35
Transmission and Distribution Lines Expenses (662)	68,073	36
Meter Expenses (663)	43,845	37
Customer Installations Expenses (664)	10,628	38
Miscellaneous Expenses (665)	7,297	39
Rents (666)	7,541	40
Maintenance Supervision and Engineering (670)		41
Maintenance of Structures and Improvements (671)		42
Maintenance of Distribution Reservoirs and Standpipes (672)	60,510	43
Maintenance of Transmission and Distribution Mains (673)	259,716	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	108,035	46
Maintenance of Meters (676)	50,170	47
Maintenance of Hydrants (677)	68,322	48
Maintenance of Miscellaneous Plant (678)		49
<b>Total Transmission and Distribution Expenses</b>	<b>685,295</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Supervision (901)		50
Meter Reading Labor (902)	22,586	51
Customer Records and Collection Expenses (903)	47,453	52
Uncollectible Accounts (904)		53

**WATER OPERATION & MAINTENANCE EXPENSES**

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Miscellaneous Customer Accounts Expenses (905)		54
<b>Total Customer Accounts Expenses</b>	<b>70,039</b>	
<b>SALES EXPENSES</b>		
Sales Expenses (910)		55
<b>Total Sales Expenses</b>	<b>0</b>	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
Administrative and General Salaries (920)	187,186	56
Office Supplies and Expenses (921)	16,628	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	102,180	59
Property Insurance (924)	4,845	60
Injuries and Damages (925)	(3,360)	61
Employee Pensions and Benefits (926)	243,346	62
Regulatory Commission Expenses (928)		63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	9,320	65
Rents (931)	13,240	66
Maintenance of General Plant (932)	827	67
<b>Total Administrative and General Expenses</b>	<b>574,212</b>	
<b>Total Operation and Maintenance Expenses</b>	<b>3,222,932</b>	

**TAXES (ACCT. 408 - WATER)**

When allocation of taxes is made between departments, explain method used.
--

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		491,637	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		13,036	2
<b>Net property tax equivalent</b>		<b>478,601</b>	
Social Security		68,171	3
PSC Remainder Assessment		6,748	4
Other (specify):			
Over accrual of 97 tx equiv-adj in 98		(5,030)	5
Social security allocated to sewer	Meter investment	(7,899)	6
Social security allocated to plant accounts	Labor	(2,744)	7
<b>Total tax expense</b>		<b>537,847</b>	

**PROPERTY TAX EQUIVALENT (WATER)**

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Milwaukee				1
<b>SUMMARY OF TAX RATES</b>							2
State tax rate	mills		0.219910				3
County tax rate	mills		6.223250				4
Local tax rate	mills		9.688140				5
School tax rate	mills		11.602520				6
Voc. school tax rate	mills		2.191560				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		1.868480				9
<b>Total tax rate</b>	mills		<b>31.793860</b>				10
Less: state credit	mills		2.113320				11
<b>Net tax rate</b>	mills		<b>29.680540</b>				12
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							13
<b>Local Tax Rate</b>	mills		<b>9.688140</b>				14
<b>Combined School Tax Rate</b>	mills		<b>13.794080</b>				15
<b>Other Tax Rate - Local</b>	mills		<b>0.000000</b>				16
<b>Total Local &amp; School Tax</b>	mills		<b>23.482220</b>				17
<b>Total Tax Rate</b>	mills		<b>31.793860</b>				18
<b>Ratio of Local and School Tax to Total</b>	dec.		<b>0.738577</b>				19
<b>Total tax net of state credit</b>	mills		<b>29.680540</b>				20
<b>Net Local and School Tax Rate</b>	mills		<b>21.921370</b>				21
Utility Plant, Jan. 1	\$	22,142,068	22,142,068				22
Materials & Supplies	\$	66,022	66,022				23
<b>Subtotal</b>	\$	<b>22,208,090</b>	<b>22,208,090</b>				24
Less: Plant Outside Limits	\$	0	0				25
<b>Taxable Assets</b>	\$	<b>22,208,090</b>	<b>22,208,090</b>				26
Assessment Ratio	dec.		0.908400				27
<b>Assessed Value</b>	\$	<b>20,173,829</b>	<b>20,173,829</b>				28
<b>Net Local &amp; School Rate</b>	mills		<b>21.921370</b>				29
<b>Tax Equiv. Computed for Current Year</b>	\$	<b>442,238</b>	<b>442,238</b>				30
Tax Equivalent per 1994 PSC Report	\$	491,637					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32
<b>Tax equiv. for current year (see note 6)</b>	\$	<b>491,637</b>					34



**WATER UTILITY PLANT IN SERVICE**

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
<b>INTANGIBLE PLANT</b>			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>			
Land and Land Rights (310)	38,476	624	4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	0		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	818,896		10
Other Water Source Plant (317)	0		11
<b>Total Source of Supply Plant</b>	<b>857,372</b>	<b>624</b>	
<b>PUMPING PLANT</b>			
Land and Land Rights (320)	0		12
Structures and Improvements (321)	459,415		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	92,796		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	672,357		17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	0		20
<b>Total Pumping Plant</b>	<b>1,224,568</b>	<b>0</b>	
<b>WATER TREATMENT PLANT</b>			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	11,171		23
<b>Total Water Treatment Plant</b>	<b>11,171</b>	<b>0</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Land and Land Rights (340)	35,009		24
Structures and Improvements (341)	0		25

**WATER UTILITY PLANT IN SERVICE (cont.)**

<b>Accounts (d)</b>	<b>Retirements During Year (e)</b>	<b>Adjustments Increase or (Decrease) (f)</b>	<b>Balance End of Year (g)</b>	
<b>INTANGIBLE PLANT</b>				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>				
Land and Land Rights (310)			39,100	4
Structures and Improvements (311)			0	5
Collecting and Impounding Reservoirs (312)			0	6
Lake, River and Other Intakes (313)			0	7
Wells and Springs (314)			0	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			818,896	10
Other Water Source Plant (317)			0	11
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>857,996</b>	
<b>PUMPING PLANT</b>				
Land and Land Rights (320)			0	12
Structures and Improvements (321)			459,415	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			92,796	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)			672,357	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			0	20
<b>Total Pumping Plant</b>	<b>0</b>	<b>0</b>	<b>1,224,568</b>	
<b>WATER TREATMENT PLANT</b>				
Land and Land Rights (330)			0	21
Structures and Improvements (331)			0	22
Water Treatment Equipment (332)			11,171	23
<b>Total Water Treatment Plant</b>	<b>0</b>	<b>0</b>	<b>11,171</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Land and Land Rights (340)			35,009	24
Structures and Improvements (341)			0	25

**WATER UTILITY PLANT IN SERVICE**

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Distribution Reservoirs and Standpipes (342)	2,083,647		26
Transmission and Distribution Mains (343)	11,815,177	720,920	27
Fire Mains (344)	0		28
Services (345)	2,614,241	150,934	29
Meters (346)	1,309,234	25,198	30
Hydrants (348)	1,875,309	76,819	31
Other Transmission and Distribution Plant (349)	0		32
<b>Total Transmission and Distribution Plant</b>	<b>19,732,617</b>	<b>973,871</b>	
<b>GENERAL PLANT</b>			
Land and Land Rights (389)	0		33
Structures and Improvements (390)	0		34
Office Furniture and Equipment (391)	16,269		35
Computer Equipment (391.1)	58,283	31,157	36
Transportation Equipment (392)	0		37
Stores Equipment (393)	2,728		38
Tools, Shop and Garage Equipment (394)	66,655	11,278	39
Laboratory Equipment (395)	0		40
Power Operated Equipment (396)	0		41
Communication Equipment (397)	172,406		42
SCADA Equipment (397.1)	0		43
Miscellaneous Equipment (398)	0		44
Other Tangible Property (399)	0		45
<b>Total General Plant</b>	<b>316,341</b>	<b>42,435</b>	
<b>Total utility plant in service directly assignable</b>	<b>22,142,069</b>	<b>1,016,930</b>	
Common Utility Plant Allocated to Water Department	0		46
<b>Total utility plant in service</b>	<b>22,142,069</b>	<b>1,016,930</b>	

**WATER UTILITY PLANT IN SERVICE (cont.)**

<b>Accounts (d)</b>	<b>Retirements During Year (e)</b>	<b>Adjustments Increase or (Decrease) (f)</b>	<b>Balance End of Year (g)</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Distribution Reservoirs and Standpipes (342)			2,083,647	26
Transmission and Distribution Mains (343)	21,088		12,515,009	27
Fire Mains (344)			0	28
Services (345)	20,524		2,744,651	29
Meters (346)	28,661		1,305,771	30
Hydrants (348)	27,540		1,924,588	31
Other Transmission and Distribution Plant (349)			0	32
<b>Total Transmission and Distribution Plant</b>	<b>97,813</b>	<b>0</b>	<b>20,608,675</b>	
<b>GENERAL PLANT</b>				
Land and Land Rights (389)			0	33
Structures and Improvements (390)			0	34
Office Furniture and Equipment (391)			16,269	35
Computer Equipment (391.1)			89,440	36
Transportation Equipment (392)			0	37
Stores Equipment (393)			2,728	38
Tools, Shop and Garage Equipment (394)			77,933	39
Laboratory Equipment (395)			0	40
Power Operated Equipment (396)			0	41
Communication Equipment (397)			172,406	42
SCADA Equipment (397.1)			0	43
Miscellaneous Equipment (398)			0	44
Other Tangible Property (399)			0	45
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>358,776</b>	
<b>Total utility plant in service directly assignable</b>	<b>97,813</b>	<b>0</b>	<b>23,061,186</b>	
Common Utility Plant Allocated to Water Department			0	46
<b>Total utility plant in service</b>	<b>97,813</b>	<b>0</b>	<b>23,061,186</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER**

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

<b>Primary Plant Accounts (a)</b>	<b>Balance First of Year (b)</b>	<b>Rate % Used (c)</b>	<b>Accruals During Year (d)</b>	
<b>SOURCE OF SUPPLY PLANT</b>				
Structures and Improvements (311)	0			<b>1</b>
Collecting and Impounding Reservoirs (312)	0			<b>2</b>
Lake, River and Other Intakes (313)	0			<b>3</b>
Wells and Springs (314)	0			<b>4</b>
Infiltration Galleries and Tunnels (315)	0			<b>5</b>
Supply Mains (316)	190,634	1.77%	14,494	<b>6</b>
Other Water Source Plant (317)	0			<b>7</b>
<b>Total Source of Supply Plant</b>	<b>190,634</b>		<b>14,494</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	251,543	2.56%	11,761	<b>8</b>
Boiler Plant Equipment (322)	0			<b>9</b>
Other Power Production Equipment (323)	64,126	4.42%	4,102	<b>10</b>
Steam Pumping Equipment (324)	0			<b>11</b>
Electric Pumping Equipment (325)	402,117	5.00%	33,545	<b>12</b>
Diesel Pumping Equipment (326)	0			<b>13</b>
Hydraulic Pumping Equipment (327)	0			<b>14</b>
Other Pumping Equipment (328)	0			<b>15</b>
<b>Total Pumping Plant</b>	<b>717,786</b>		<b>49,408</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	0			<b>16</b>
Water Treatment Equipment (332)	11,171	6.00%	0	<b>17</b>
<b>Total Water Treatment Plant</b>	<b>11,171</b>		<b>0</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0			<b>18</b>
Distribution Reservoirs and Standpipes (342)	706,941	1.94%	38,909	<b>19</b>
Transmission and Distribution Mains (343)	2,219,525	1.10%	130,608	<b>20</b>
Fire Mains (344)	0			<b>21</b>
Services (345)	1,017,370	2.09%	54,864	<b>22</b>
Meters (346)	851,982	5.44%	71,057	<b>23</b>
Hydrants (348)	417,742	1.85%	34,699	<b>24</b>
Other Transmission and Distribution Plant (349)	0			<b>25</b>
<b>Total Transmission and Distribution Plant</b>	<b>5,213,560</b>		<b>330,137</b>	

# ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					0	3
314					0	4
315					0	5
316					205,128	6
317					0	7
	0	0	0	0	205,128	
321					263,304	8
322					0	9
323					68,228	10
324					0	11
325					435,662	12
326					0	13
327					0	14
328					0	15
	0	0	0	0	767,194	
331					0	16
332					11,171	17
	0	0	0	0	11,171	
341					0	18
342					745,850	19
343	21,088				2,329,045	20
344					0	21
345	20,524	675			1,051,035	22
346	28,661				894,378	23
348	27,540	6,787	4,626		422,740	24
349					0	25
	97,813	7,462	4,626	0	5,443,048	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER**

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

<b>Primary Plant Accounts (a)</b>	<b>Balance First of Year (b)</b>	<b>Rate % Used (c)</b>	<b>Accruals During Year (d)</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	0			<b>26</b>
Office Furniture and Equipment (391)	12,836	7.69%	1,251	<b>27</b>
Computer Equipment (391.1)	57,162	25.00%	5,163	<b>28</b>
Transportation Equipment (392)	0			<b>29</b>
Stores Equipment (393)	2,728	5.88%	0	<b>30</b>
Tools, Shop and Garage Equipment (394)	45,175	8.33%	6,096	<b>31</b>
Laboratory Equipment (395)	0			<b>32</b>
Power Operated Equipment (396)	0			<b>33</b>
Communication Equipment (397)	35,911	9.09%	15,636	<b>34</b>
SCADA Equipment (397.1)	0			<b>35</b>
Miscellaneous Equipment (398)	0			<b>36</b>
Other Tangible Property (399)	0			<b>37</b>
<b>Total General Plant</b>	<b>153,812</b>		<b>28,146</b>	
<b>Total accum. prov. directly assignable</b>	<b>6,286,963</b>		<b>422,185</b>	
 Common Utility Plant Allocated to Water Department	 0			 <b>38</b>
 <b>Total accum. prov. for depreciation</b>	 <b>6,286,963</b>		 <b>422,185</b>	

## ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390					0	26
391					14,087	27
391.1					62,325	28
392					0	29
393					2,728	30
394					51,271	31
395					0	32
396					0	33
397					51,547	34
397.1					0	35
398					0	36
399					0	37
	0	0	0	0	181,958	
	97,813	7,462	4,626	0	6,608,499	
					0	38
	97,813	7,462	4,626	0	6,608,499	



**SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS**

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January	174,933			174,933	1
February	163,387			163,387	2
March	183,397			183,397	3
April	174,518			174,518	4
May	190,110			190,110	5
June	249,614			249,614	6
July	275,077			275,077	7
August	245,328			245,328	8
September	232,915			232,915	9
October	175,615			175,615	10
November	171,402			171,402	11
December	167,306			167,306	12
<b>Total for year</b>	<b>2,403,602</b>	<b>0</b>	<b>0</b>	<b>2,403,602</b>	
Less: Measured or estimated water used in main flushing and water treatment during year					13
Less: Other utility use				11,374	14
Other utility use explanation:					15
Hydrant flushing					
Water pumped into distribution system				2,392,228	16
Less: Water sold				2,214,135	17
Losses and unaccounted for				178,093	18
Percent unaccounted for to the nearest whole percent (%)				7%	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					20
Maximum gallons pumped by all methods in any one day during reporting year				14,214	21
Date of maximum: 9/2/1998					22
Cause of maximum:					23
Lawn sprinkling					
Minimum gallons pumped by all methods in any one day during reporting year				4,118	24
Date of minimum: 11/19/1998					25
Total KWH used for pumping for the year				849,877	26
If water is purchased: Vendor Name: City of Milwaukee					27
Point of Delivery: See footnote					28

**SOURCES OF WATER SUPPLY - GROUND WATERS**

<b>Location (a)</b>	<b>Identification Number (b)</b>	<b>Depth in feet (c)</b>	<b>Well Diameter in inches (d)</b>	<b>Yield Per Day in gallons (e)</b>	<b>Currently In Service? (f)</b>
-------------------------	--	----------------------------------	--	---	--

NONE

**SOURCES OF WATER SUPPLY - SURFACE WATERS**

<b>Location (a)</b>	<b>Identification Number (b)</b>	<b>Intakes</b>		
		<b>Distance From Shore in feet (c)</b>	<b>Depth Below Surface in feet (d)</b>	<b>Diameter in inches (e)</b>

NONE

**PUMPING & POWER EQUIPMENT**

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

<b>Particulars (a)</b>	<b>Unit A (b)</b>	<b>Unit B (c)</b>	<b>Unit C (d)</b>	
Identification	BLANCHARD # 1	BLANCHARD # 2	BLANCHARD # 3	<b>1</b>
Location	7300 W BLANCHARD ST	7300 W BLANCHARD ST	7300 W BLANCHARD ST	<b>2</b>
Purpose	P	P	B	<b>3</b>
Destination	D	D	D	<b>4</b>
Pump Manufacturer	PEERLESS	PEERLESS	PEERLESS	<b>5</b>
Year Installed	1992	1992	1992	<b>6</b>
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	<b>7</b>
Actual Capacity (gpm)	1,500	1,500	1,500	<b>8</b>
Pump Motor or Standby Engine Mfr	GENERAL ELECTRIC	GENERAL ELECTRIC	GENERAL ELECTRIC	<b>9</b>
Year Installed	1992	1992	1992	<b>10</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>11</b>
Horsepower	30	30	75	<b>12</b>

<b>Particulars (a)</b>	<b>Unit D (b)</b>	<b>Unit E (c)</b>	<b>Unit F (d)</b>	
Identification	BLANCHARD # 4	GLENVIEW # 1	N 64TH STREET # 1	<b>14</b>
Location	7300 W BLANCHARD ST	108 N GLENVIEW AVE	2630 N 64 STREET	<b>15</b>
Purpose	B	P	P	<b>16</b>
Destination	D	D	D	<b>17</b>
Pump Manufacturer	PEERLESS	AURORA	ALLIS-CHALMERS	<b>18</b>
Year Installed	1992	1977	1965	<b>19</b>
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	<b>20</b>
Actual Capacity (gpm)	1,500	2,100	3,750	<b>21</b>
Pump Motor or Standby Engine Mfr	GENERAL ELECTRIC	AURORA	ALLIS-CHALMERS	<b>22</b>
Year Installed	1992	1977	1965	<b>23</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>24</b>
Horsepower	75	25	100	<b>25</b>

**PUMPING & POWER EQUIPMENT**

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

<b>Particulars (a)</b>	<b>Unit A (b)</b>	<b>Unit B (c)</b>	<b>Unit C (d)</b>	
Identification	N 64TH STREET # 2	N 64TH STREET # 3	N 64TH STREET # 4	<b>1</b>
Location	2630 N 64 STREET	2630 N 64 STREET	2630 N 64 STREET	<b>2</b>
Purpose	P	P	P	<b>3</b>
Destination	D	D	D	<b>4</b>
Pump Manufacturer	ALLIS-CHALMERS	ALLIS-CHALMERS	ALLIS-CHALMERS	<b>5</b>
Year Installed	1965	1965	1965	<b>6</b>
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	<b>7</b>
Actual Capacity (gpm)	3,750	1,170	1,170	<b>8</b>
Pump Motor or Standby Engine Mfr	ALLIS-CHALMERS	ALLIS-CHALMERS	ALLIS-CHALMERS	<b>9</b>
Year Installed	1965	1965	1965	<b>10</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>11</b>
Horsepower	100	50	50	<b>12</b>

<b>Particulars (a)</b>	<b>Unit D (b)</b>	<b>Unit E (c)</b>	<b>Unit F (d)</b>	
Identification	N 64TH STREET # 5	POTTER RD # 1	POTTER RD # 2	<b>14</b>
Location	2630 N 64 STREET	11000 W POTTER RD	11000 W POTTER RD	<b>15</b>
Purpose	B	B	B	<b>16</b>
Destination	D	D	D	<b>17</b>
Pump Manufacturer	LAYNE BOWLER	ALLIS-CHALMERS	ALLIS-CHALMERS	<b>18</b>
Year Installed	1949	1964	1964	<b>19</b>
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	<b>20</b>
Actual Capacity (gpm)	1,500	1,940	3,125	<b>21</b>
Pump Motor or Standby Engine Mfr	GENERAL ELECTRIC	US MOTOR	ALLIS-CHALMERS	<b>22</b>
Year Installed	1991	1989	1964	<b>23</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>24</b>
Horsepower	75	125	150	<b>25</b>

**PUMPING & POWER EQUIPMENT**

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

<b>Particulars (a)</b>	<b>Unit A (b)</b>	<b>Unit B (c)</b>	<b>Unit C (d)</b>
Identification	POTTER RD # 3	POTTER RD # 4	<b>1</b>
Location	11000 W POTTER RD	11000 W POTTER RD	<b>2</b>
Purpose	P	P	<b>3</b>
Destination	D	D	<b>4</b>
Pump Manufacturer	ALLIS-CHALMERS	ALLIS-CHALMERS	<b>5</b>
Year Installed	1989	1989	<b>6</b>
Type	CENTRIFUGAL	CENTRIFUGAL	<b>7</b>
Actual Capacity (gpm)	1,400	2,100	<b>8</b>
Pump Motor or Standby Engine Mfr	US MOTOR	US MOTOR	<b>10</b>
Year Installed	1989	1989	<b>11</b>
Type	ELECTRIC	ELECTRIC	<b>12</b>
Horsepower	40	60	<b>13</b>

<b>Particulars (a)</b>	<b>Unit D (b)</b>	<b>Unit E (c)</b>	<b>Unit F (d)</b>
Identification			<b>14</b>
Location			<b>15</b>
Purpose			<b>16</b>
Destination			<b>17</b>
Pump Manufacturer			<b>18</b>
Year Installed			<b>19</b>
Type			<b>20</b>
Actual Capacity (gpm)			<b>21</b>
Pump Motor or Standby Engine Mfr			<b>22</b>
Year Installed			<b>23</b>
Type			<b>24</b>
Horsepower			<b>25</b>
			<b>26</b>

**RESERVOIRS, STANDPIPES & WATER TREATMENT**

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	64TH STREET	ALICE STREET	BURLEIGH	<b>1</b>
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
				<b>3</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	ET	<b>4</b>
Year constructed	1950	1965	1963	<b>5</b>
				<b>6</b>
Primary material (earthen, steel, concrete, other)	CONCRETE	STEEL	STEEL	<b>7</b>
				<b>8</b>
Elevation difference in feet (See Headnote 3.)	3	44	130	<b>9</b>
				<b>10</b>
Total capacity in gallons	1,700,000	1,500,000	2,500,000	<b>11</b>
				<b>12</b>
<b>WATER TREATMENT PLANT</b>				<b>13</b>
Disinfection, type of equipment (gas, liquid, powder, other)				<b>14</b>
Points of application (wellhouse, central facilities, booster station, other)				<b>15</b>
				<b>16</b>
				<b>17</b>
Filters, type (gravity, pressure, other, none)				<b>18</b>
				<b>19</b>
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)				<b>20</b>
				<b>21</b>
				<b>22</b>
Is a corrosion control chemical used (yes, no)?				<b>23</b>
				<b>24</b>
Is water fluoridated (yes, no)?				<b>25</b>

**RESERVOIRS, STANDPIPES & WATER TREATMENT**

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	FEERICK	GLENVIEW AVENUE	POTTER ROAD	<b>1</b>
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
				<b>3</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	ET	R	<b>4</b>
Year constructed	1989	1928	1964	<b>5</b>
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	STEEL	<b>6</b>
Elevation difference in feet (See Headnote 3.)	176	192	9	<b>7</b>
Total capacity in gallons	1,000,000	1,000,000	2,500,000	<b>8</b>
<b>WATER TREATMENT PLANT</b>				<b>9</b>
Disinfection, type of equipment (gas, liquid, powder, other)				<b>10</b>
Points of application (wellhouse, central facilities, booster station, other)				<b>11</b>
Filters, type (gravity, pressure, other, none)				<b>12</b>
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)				<b>13</b>
Is a corrosion control chemical used (yes, no)?				<b>14</b>
Is water fluoridated (yes, no)?				<b>15</b>



**WATER MAINS**

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If the assessments are deferred, explain.

Number of Feet								
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	1.500	166	0	0	0	166	1
M	D	3.000	932	0	0	0	932	2
M	D	4.000	666	0	0	0	666	3
M	D	6.000	595,930	3,030	6,102	0	592,858	4
P	D	6.000	0	552			552	5
M	D	8.000	149,152	4,007	472	0	152,687	6
M	S	8.000	101	0	0	0	101	7
P	D	8.000	1,720	0	0	0	1,720	8
M	D	10.000	1,786	0	0	0	1,786	9
M	D	12.000	148,548	0	0	0	148,548	10
M	S	16.000	279	0	0	0	279	11
M	T	16.000	61,960	0	0	0	61,960	12
M	T	18.000	11	0	0	0	11	13
M	S	20.000	10,347	0	0	0	10,347	14
M	T	20.000	8,543	0	0	0	8,543	15
M	S	24.000	13,231	0	0	0	13,231	16
M	T	24.000	28,509	0	0	0	28,509	17
M	S	30.000	765	0	0	0	765	18
<b>Total Within Municipality</b>			<b>1,022,646</b>	<b>7,589</b>	<b>6,574</b>	<b>0</b>	<b>1,023,661</b>	
<b>Total Utility</b>			<b>1,022,646</b>	<b>7,589</b>	<b>6,574</b>	<b>0</b>	<b>1,023,661</b>	

**WATER SERVICES**

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
  - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.625	3,780	0	0	0	3,780		1
M	0.750	6,544	0	0	0	6,544	1,083	2
L	0.750	5,314	0	0	0	5,314		3
L	1.000	17	0	2	0	15		4
M	1.000	17	3	0	0	20		5
M	1.250	388	0	111	0	277		6
M	1.500	354	109	0	0	463		7
M	2.000	94	1	0	0	95		8
M	3.000	39	0	0	0	39		9
M	4.000	29	0	1	0	28		10
M	6.000	49	0	0	0	49		11
M	8.000	24	0	0	0	24		12
M	10.000	4	0	0	0	4		13
M	12.000	1	0	0	0	1		14
<b>Total Utility</b>		<b>16,654</b>	<b>113</b>	<b>114</b>	<b>0</b>	<b>16,653</b>	<b>1,083</b>	

**METERS**

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).

**Number of Utility-Owned Meters**

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	6,800	200	100	0	<b>6,900</b>	896	<b>1</b>
0.750	8,970	600	349	0	<b>9,221</b>	2,245	<b>2</b>
1.000	391	9	14	0	<b>386</b>	75	<b>3</b>
1.500	201	32	7	0	<b>226</b>	64	<b>4</b>
2.000	111	4	0	0	<b>115</b>	26	<b>5</b>
3.000	58	2	0	0	<b>60</b>	14	<b>6</b>
4.000	30	0	0	0	<b>30</b>	10	<b>7</b>
6.000	16	0	0	0	<b>16</b>	12	<b>8</b>
8.000	3	0	0	0	<b>3</b>	3	<b>9</b>
10.000	1	0	0	0	<b>1</b>	1	<b>10</b>
<b>Total:</b>	<b>16,581</b>	<b>847</b>	<b>470</b>	<b>0</b>	<b>16,958</b>	<b>3,346</b>	

**Classification of All Meters at End of Year by Customers**

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	6,220	202	2	0	0	476	<b>6,900</b>	<b>1</b>
0.750	8,044	349	8	0	0	820	<b>9,221</b>	<b>2</b>
1.000	135	222	3	2	0	24	<b>386</b>	<b>3</b>
1.500	27	159	5	3	0	32	<b>226</b>	<b>4</b>
2.000	4	78	4	8	0	21	<b>115</b>	<b>5</b>
3.000	0	37	9	5	0	9	<b>60</b>	<b>6</b>
4.000	0	17	3	7	0	3	<b>30</b>	<b>7</b>
6.000	0	4	3	6	0	3	<b>16</b>	<b>8</b>
8.000	0	2	1	0	0	0	<b>3</b>	<b>9</b>
10.000	0	0	1	0	0	0	<b>1</b>	<b>10</b>
<b>Total:</b>	<b>14,430</b>	<b>1,070</b>	<b>39</b>	<b>31</b>	<b>0</b>	<b>1,388</b>	<b>16,958</b>	

**HYDRANTS AND DISTRIBUTION SYSTEM VALVES**

1. Distinguish between fire and flushing hydrants by lead size.
  - a. Fire hydrants normally have a lead size of 6 inches or greater.
  - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
<b>Fire Hydrants</b>						
Outside of Municipality	0				0	1
Within Municipality	2,033	48	48		2,033	2
<b>Total Fire Hydrants</b>	<b>2,033</b>	<b>48</b>	<b>48</b>	<b>0</b>	<b>2,033</b>	
<b>Flushing Hydrants</b>						
	0				0	3
<b>Total Flushing Hydrants</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year**

Number of hydrants operated during year:	1,147
Number of distribution system valves end of year:	5,127
Number of distribution valves operated during year:	705

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## WATER OPERATING SECTION FOOTNOTES

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### Water Operation & Maintenance Expenses (Page W-05)

Account 672 Maintenance of Distribution Reservoirs and Standpipes, 1997 was the final year of amortization of the Glenview and Alice Street tank painting (135,800). 1998 was the first year of amortization of the interior of the Burleigh Street tank painting (59,466).

Account 903 Customer Records and Collection Expenses, 1998 includes administrative charge allocation of 13,100.

Account 923 Outside Services Employed, A portion of the 1998 administrative charge was allocated to account 903.

Account 925 Injuries and Damages, Decrease in workers compensation claims.

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### Property Tax Equivalent (Water) (Page W-07)

Other tax rate - non-local represents the Milwaukee Metropolitan Sewerage District

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### Pumping and Purchased Water Statistics (Page W-12)

Vendor-City of Milwaukee, Point of Delivery

On February 20, 1964 the Utility began receiving water at Glenview and Hawthorne Avenues. The water is metered at the Glenview Avenue plant meter pit, then carried by the supply main to the Potter Road reservoir.

On August 1, 1964 a connection was made between the City of Milwaukee main and Wauwatosa's supply main located in W. Clarke St. The water is metered at the meter pit located at N. 62nd and W. Clarke Streets before entering the 1,700,000 gallon underground storage tank at the 64th Street plant, located 1/2 block south of Clarke Street.

On February 15, 1965 a connection was made at N. 60th and W. State Streets. The water is metered at this point and then carried by supply main to the Blanchard Street plant at 73rd and Blanchard.

Vendor-Milwaukee County, Point of Delivery

A transmission main of the County of Milwaukee is located in the central part of the City of Wauwatosa and customers in the City of Wauwatosa are served directly from this main, the water being metered only by meters on the customers' premises. These meters are read quarterly and billed by the Wauwatosa Water Utility, then reported and paid to Milwaukee County.

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### Water Mains (Page W-17)

Additions, column (e): 5,057 feet of main financed through block grant funds, 2,455 feet of main financed through Series 1998 Revenue Bonds, 77 feet of main installed and paid for by developer (cost of \$6,080 based on engineering estimates).

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### Water Services (Page W-18)

Additions, column (d): 104 services financed through block grant funds, 8 services financed through 1998 Revenue Bonds, 1 service financed through operating revenues.

Column (h) breakdown not available.

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## WATER OPERATING SECTION FOOTNOTES

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### Hydrants and Distribution System Valves (Page W-20)

Hydrants and valves are operated on an as time allows basis.

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